

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-16. Cancelled.

17. (New) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

input means for providing the at least one other party with a representation of the user,

detecting means for detecting an environmental or physical attribute affecting the communication of the user, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected environment or physical attribute.

18. (New) A mobile device as in claim 17 wherein the representation of the user comprises a moving visual image.

19. (New) A mobile device as in claim 18 wherein the representation of the user comprises an avatar.

20. (New) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

output means for providing the user with a representation of the at least one other party,

detecting means for detecting an environmental or physical attribute affecting the communication by the user, and

means for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute.

21. (New) A mobile device as in claim 20 wherein:

the output means comprises a first output mode and a second output mode, and

the representation of the at least one other party is modified by switching the output means from the first output mode to the second output mode.

22 (New) A mobile device as in claim 21 wherein:

the first output mode comprises a video output, and

the second output mode comprises an audio output.

23. (New) A mobile device as in claim 17 further including means to provide the user with information alerts.

24. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is an ambient sound level.

25. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is an acceleration of a force.

26. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a location.

27. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a direction.

28. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a velocity.

29. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a movement of the user.

30. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a posture of the user.

31. (New) A mobile device as in claim 17 wherein the environmental or physical attribute is a privacy level of the user.

32. (New) A mobile device as in claim 17 further comprising:

processing means for processing data indicative of the environmental or physical attribute.

33. (New) A mobile device as in claim 32 wherein the processing means utilizes a classification or analysis algorithm.

34. (New) A mobile device as in claim 32 wherein the processing means utilizes a Hidden Markov Model.

35. (New) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

input means for providing the at least one other party with a representation of the user;

output means for providing the user with a representation of the at least one other party;

detecting means for detecting an environmental or physical attribute affecting the communication by the user; and

means for configuring or modifying the at least one of: (a) the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute, and (b) the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute.

36. (New) A mobile device as in claim 35 further including a store for storing predetermined information corresponding to the detected environmental or physical attribute.

37. (New) A mobile device as in claim 35 for communication between the user of the mobile device and more than one other party.

38. (New) A mobile device for connection to a computer, for communication between a user of the mobile device and at least one other party, the mobile device comprising:

means for detecting a quality of service level of the connection between the mobile device and the computer, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected quality of service of the connection.

39. (New) A system comprising:

- (i) a mobile device for communication between a user of the mobile device and at least one other party,
- (ii) a mobile user interface for connection with the mobile device including
 - input means for providing the at least one other party with a representation of the user,
 - output means for providing the user with a representation of the at least one other party,
 - detecting means for detecting an environmental or physical attribute affecting the communication by the user,
 - processing means for processing data indicating the environmental or physical attribute,
 - means for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute,
 - means to configure or modify the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute, and

(iii) a computer for connection with the mobile device and/or the mobile user interface including

means for defining a virtual meeting space for communications between the user and the at least one other party, and

means for controlling the representation of the user and the at least one other party to each other in dependence on the detected environmental or physical attribute.

40. (New) A system comprising:

(i) a mobile device for communication between a user of the mobile device and at least one other party, and

(ii) a computer for connection with the mobile device including

means for defining a virtual meeting space for communications between the user and the at least one other party,

input means for providing the at least one other party with a representation of the user,

output means for providing the user with a representation of the at least one other party,

detecting means for detecting an environmental or physical attribute affecting the communication by the user,

processing means for processing data indicating the environmental or physical attribute,

means for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute.

41. (New) A system as in claim 39 further including:

means for detecting a quality of service level of the connection between the mobile device and the computer, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected quality of service of the connection.

42. (New) A system as in claim 39 for communication between the user of the mobile device and more than one other party.

43. (New) A method of communication between a user of the mobile device of claim 17 and at least one other party, said method comprising:

providing the at least one other party with a representation of the user;

providing the user with a representation of the at least one other party;

detecting an environmental or physical attribute affecting communication between the user and the at least one other party; and

configuring or modifying the representation of at least one of: (a) the at least one other party to the user in dependence on the detected environmental or physical attribute, and (b) the user to the at least one other party in dependence on the detected environmental or physical attribute.

44. (New) A method as in claim 43 for communication between the user of the mobile device and more than one other party.

45. (New) A method of conducting a teleconference in a virtual meeting space between a user of the mobile device and at least one other party, said method comprising:

providing the at least one other party with a representation of the user;

providing the user with a representation of the at least one other party;

detecting an environmental or physical attribute affecting communication between the user and the at least one other party, and

configuring or modifying the representation of at least one of: (a) the at least one other party to the user in dependence on the detected environmental or physical attribute, and (b) the user to the at least one other party in dependence on the detected environmental or physical attribute.

46. (New) A method as in claim 45 for conducting a teleconference between the user of the mobile device and more than one other party.